FIG. 1

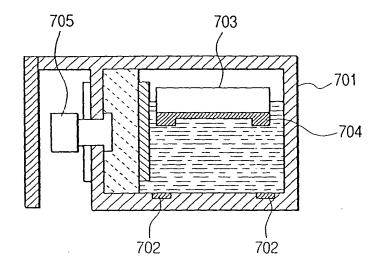
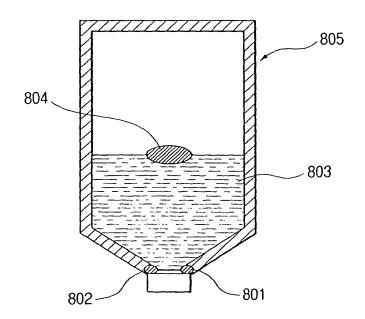


FIG. 2



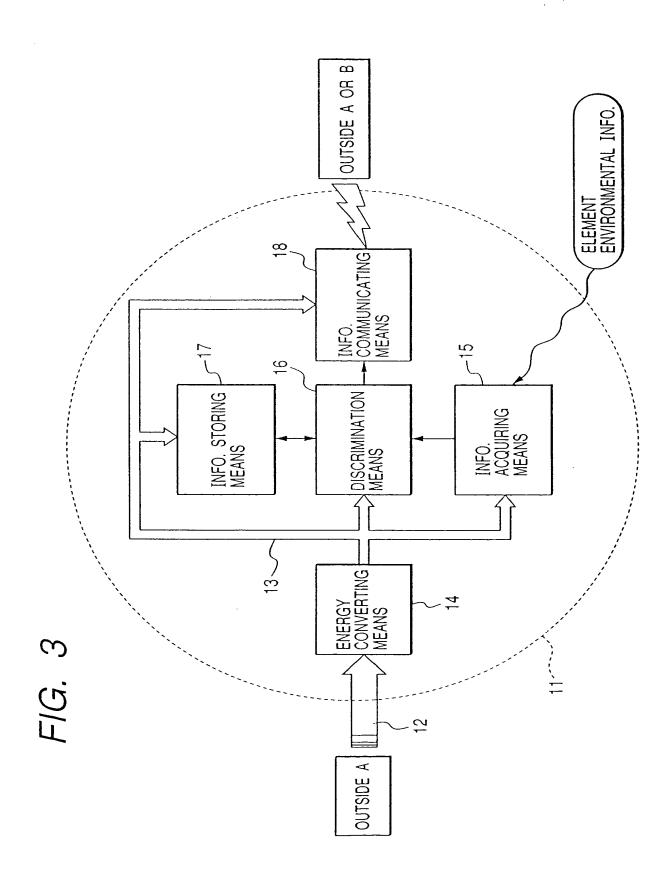


FIG. 4

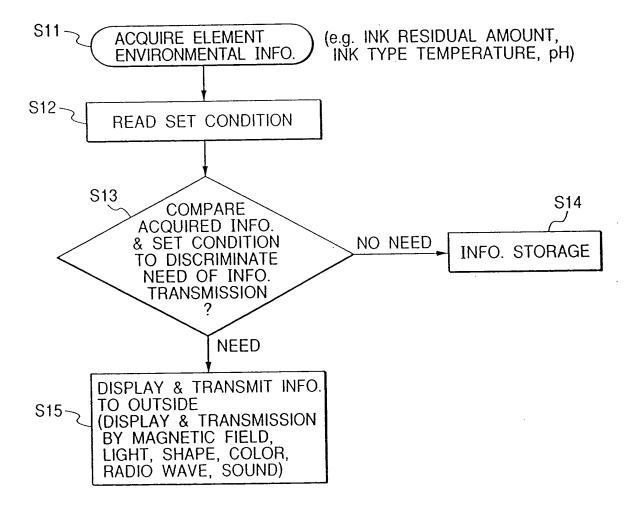


FIG. 5

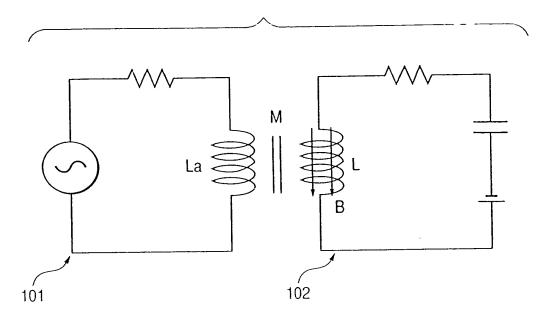


FIG. 6

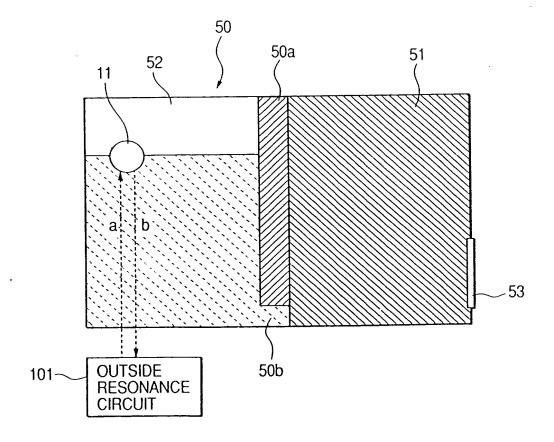


FIG. 7

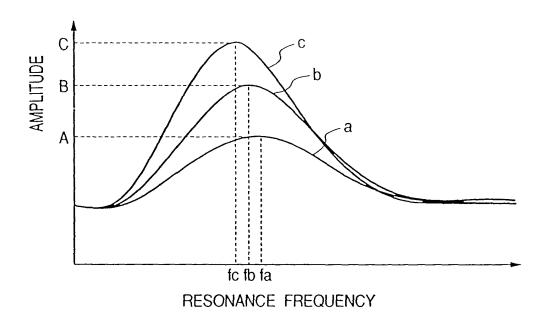
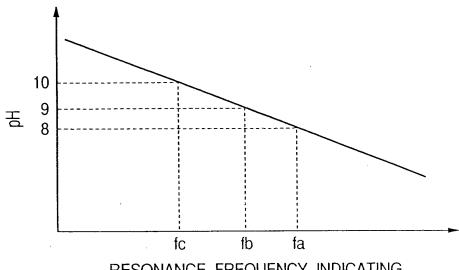
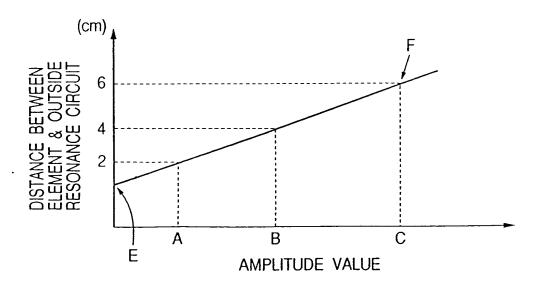


FIG. 8A



RESONANCE FREQUENCY INDICATING PEAK VALUE OF AMPLITUDE

FIG. 8B



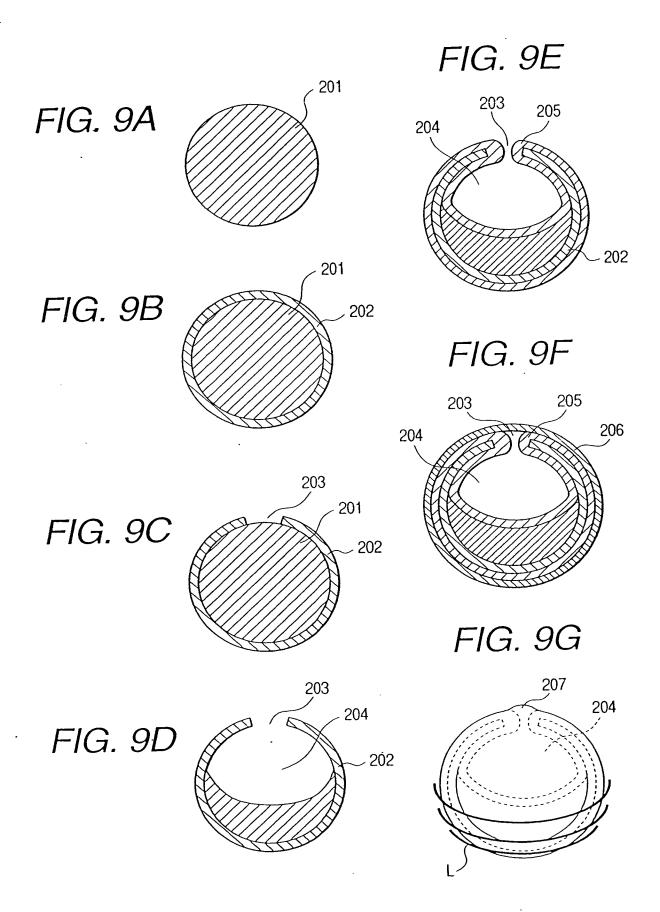


FIG. 10

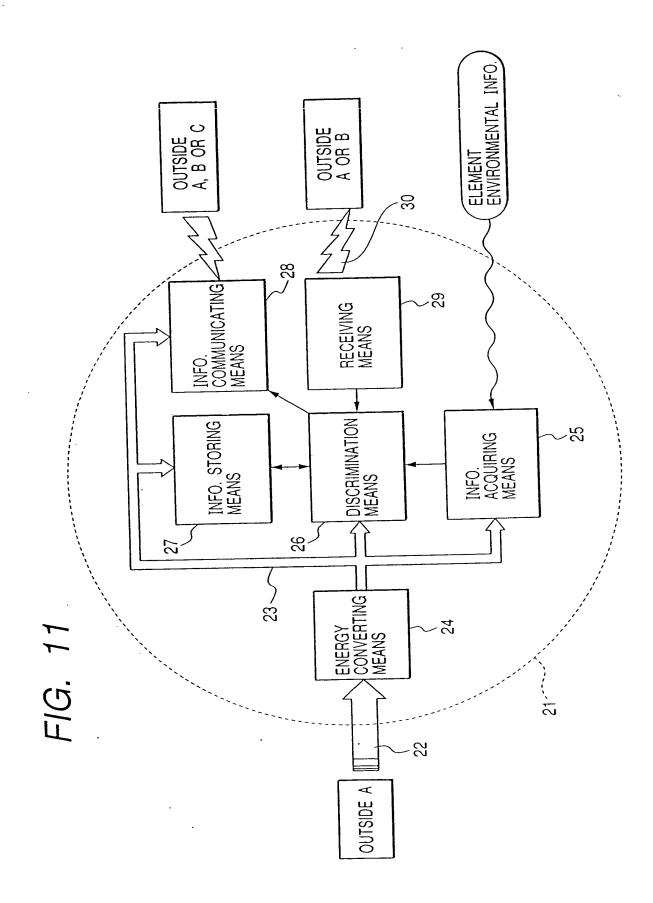
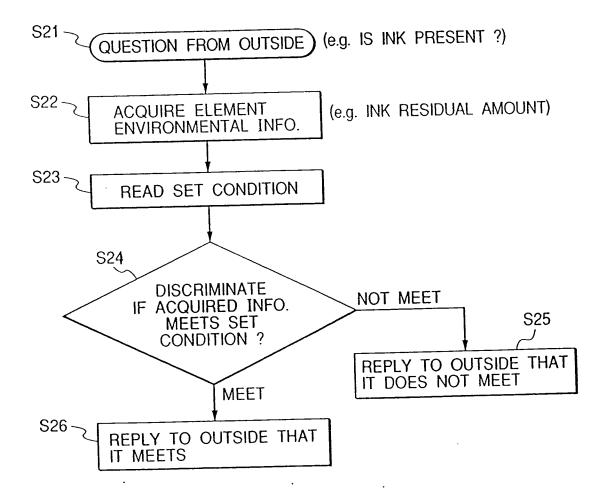


FIG. 12



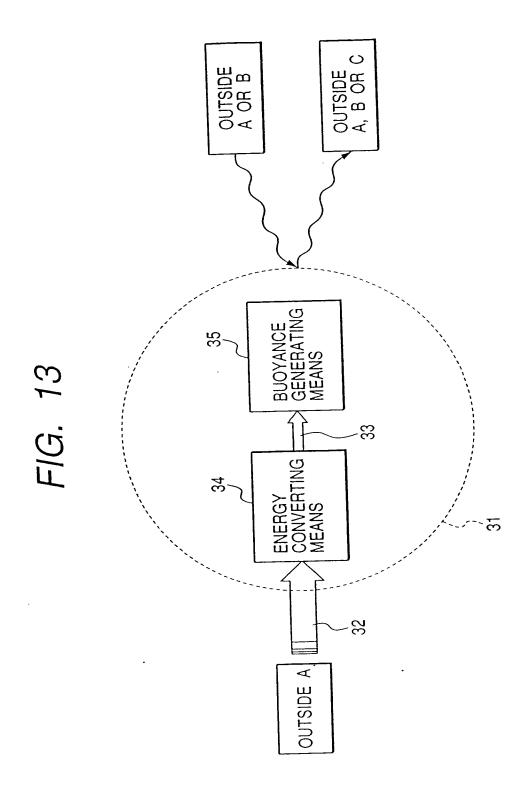


FIG. 14A

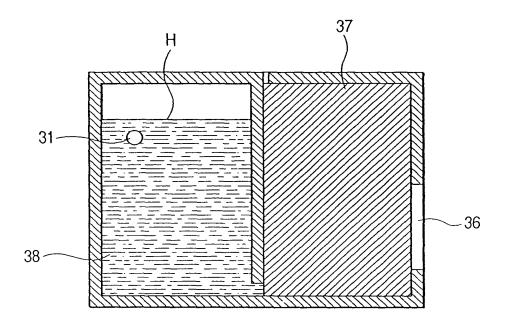


FIG. 14B

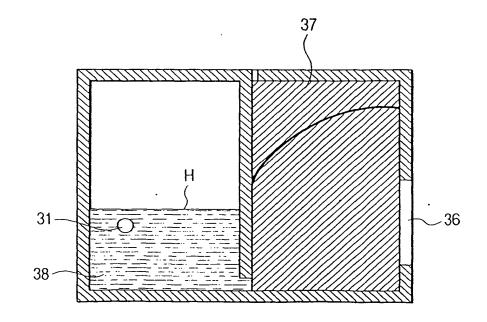
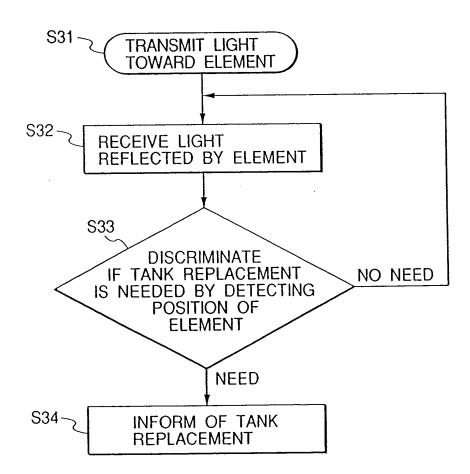
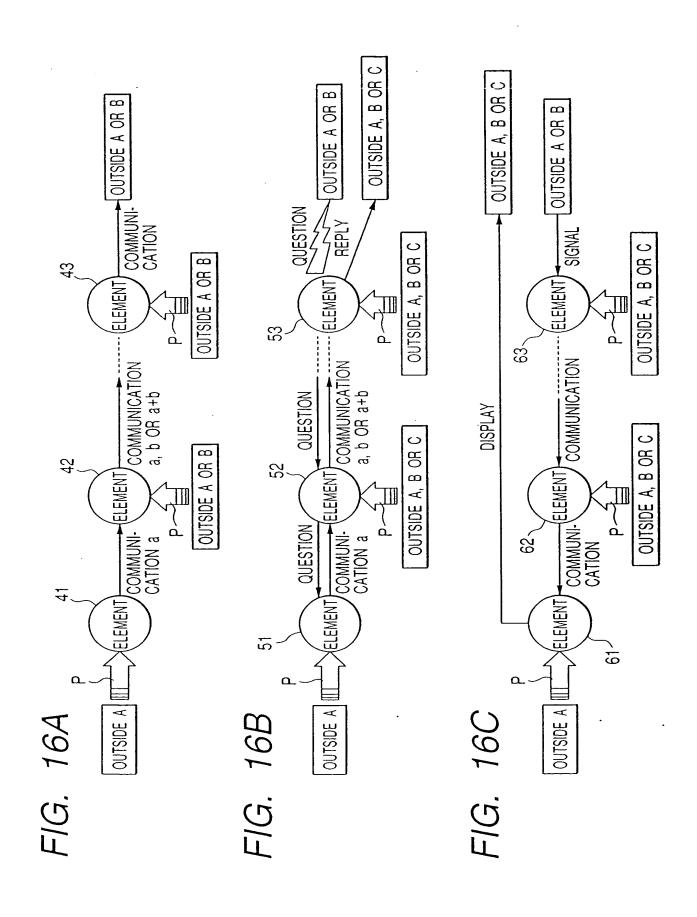


FIG. 15





78 ≥ FIG. 17 72

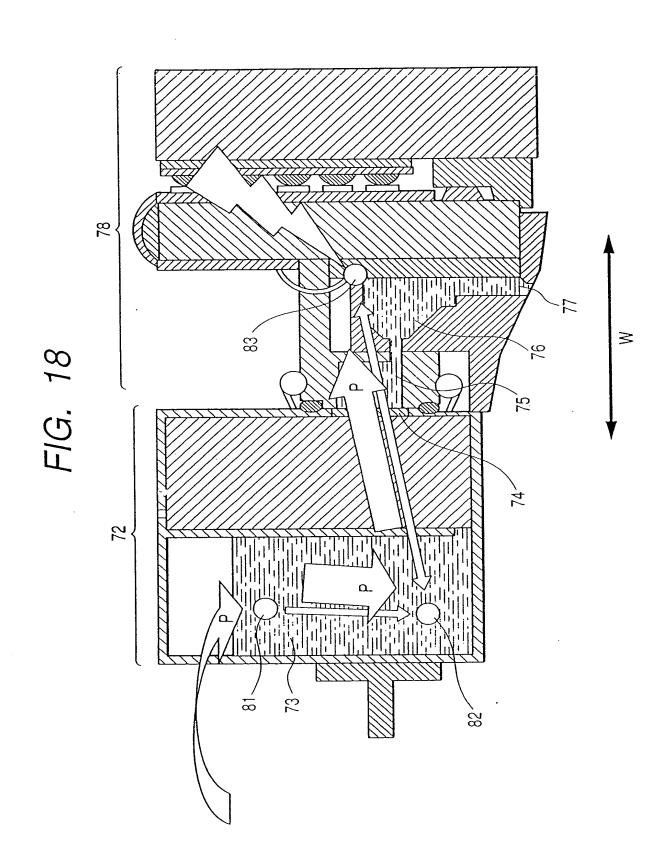


FIG. 19

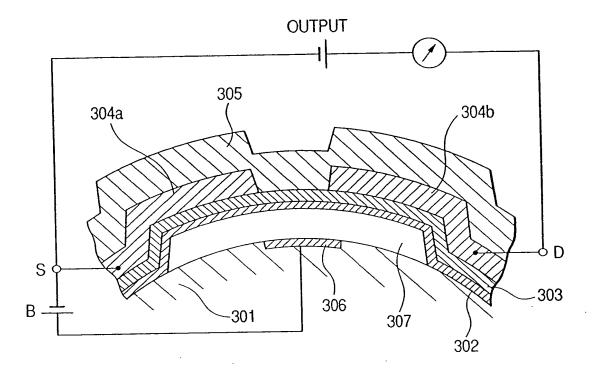


FIG. 20A

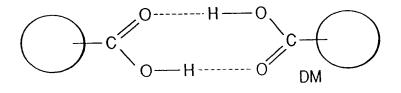


FIG. 20B

FIG. 21A

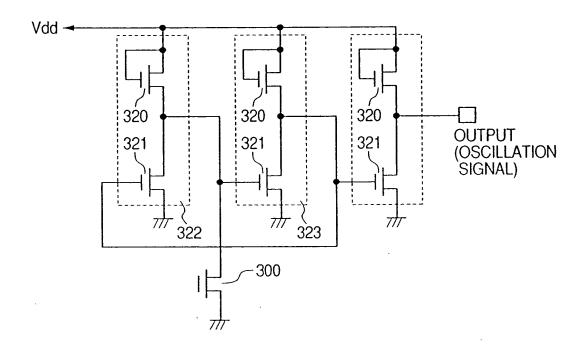


FIG. 21B

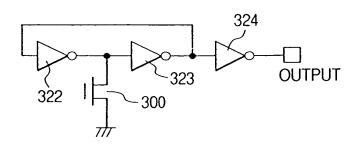


FIG. 22

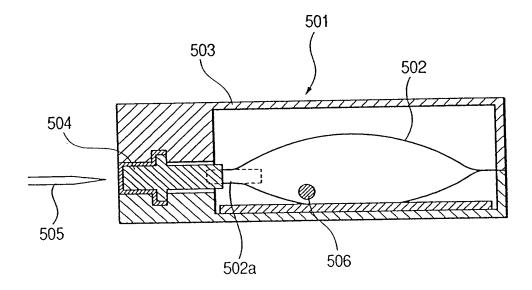


FIG. 23

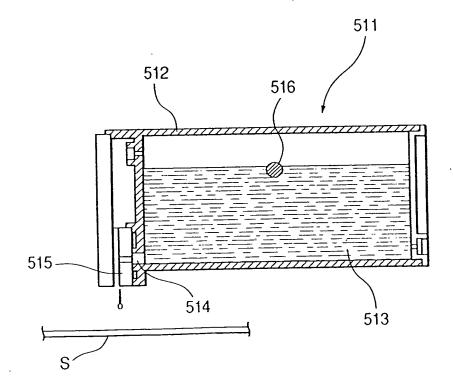


FIG. 24

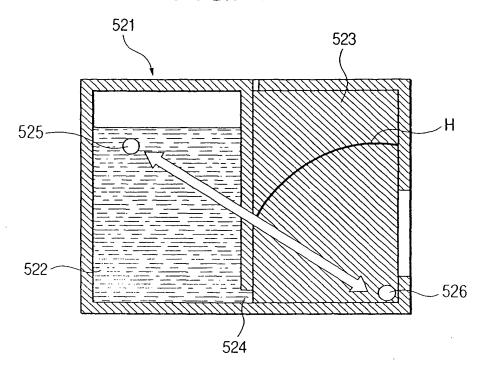
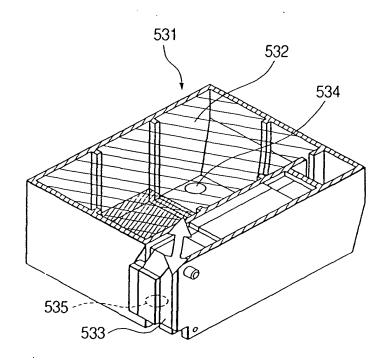
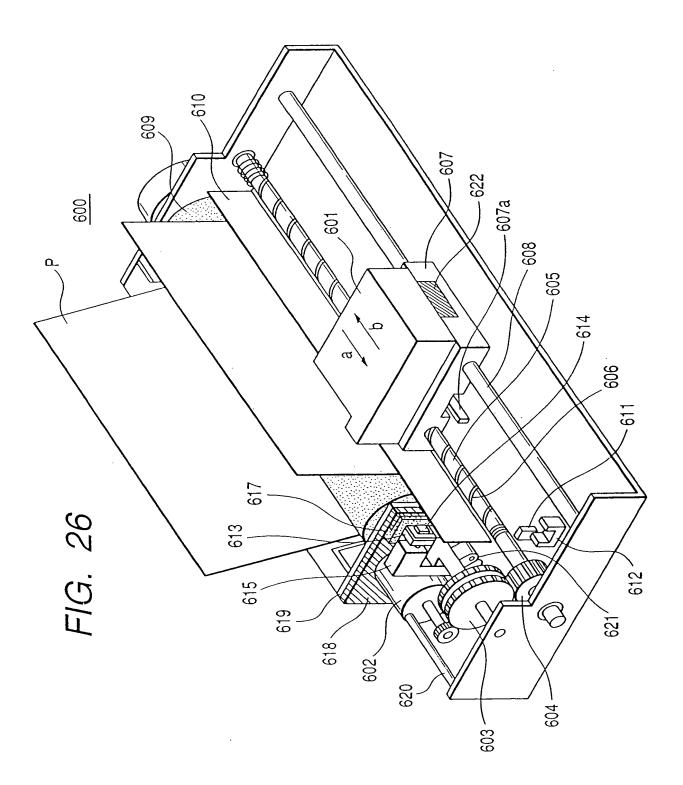


FIG. 25





204 FIG. 27B 210 0 Q 0 FIG. 27A ட 204 210,

FIG. 28

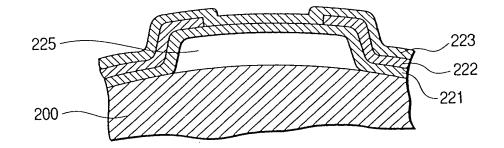


FIG. 29

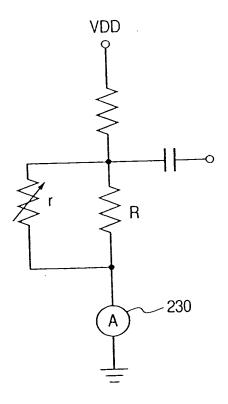


FIG. 30

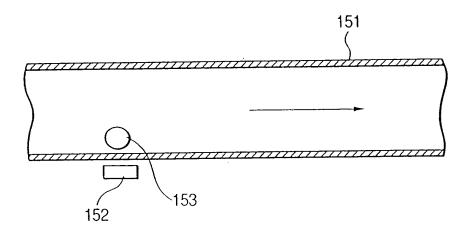


FIG. 31

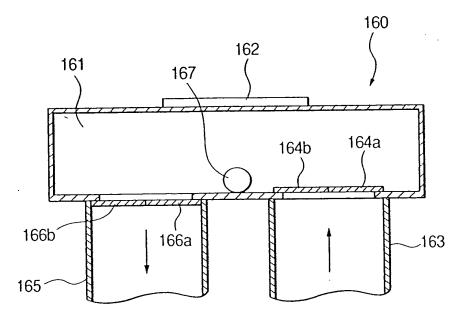


FIG. 32A

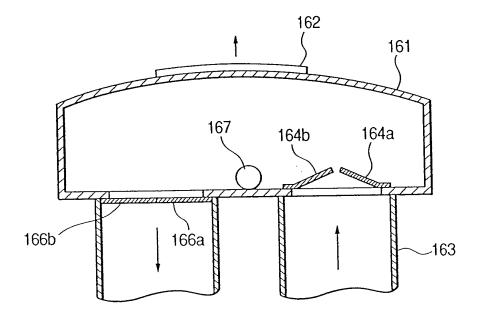


FIG. 32B

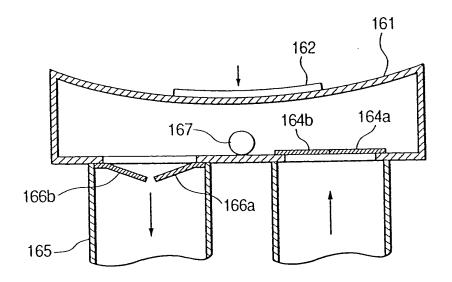


FIG. 33

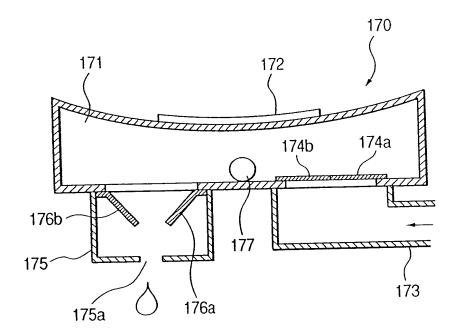


FIG. 34

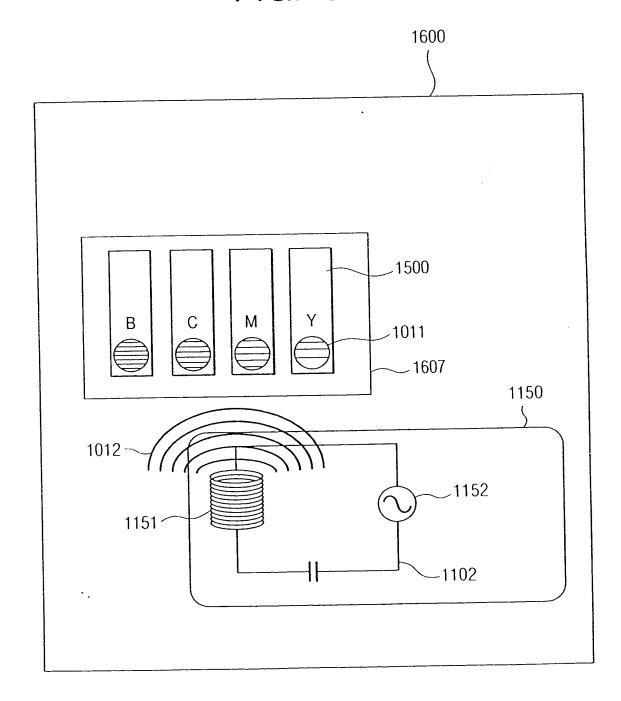
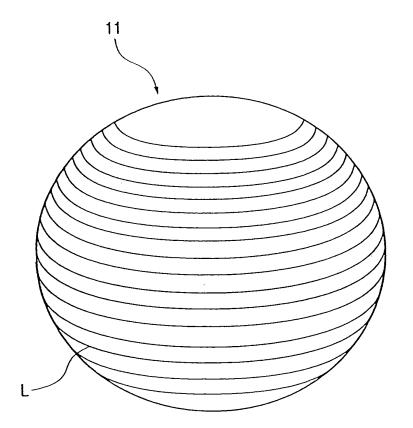


FIG. 35



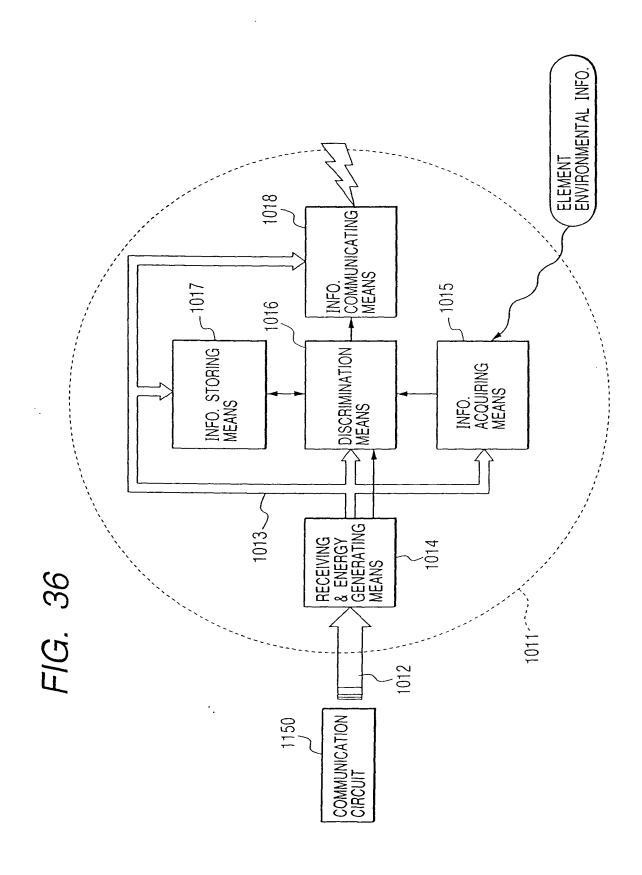


FIG. 37

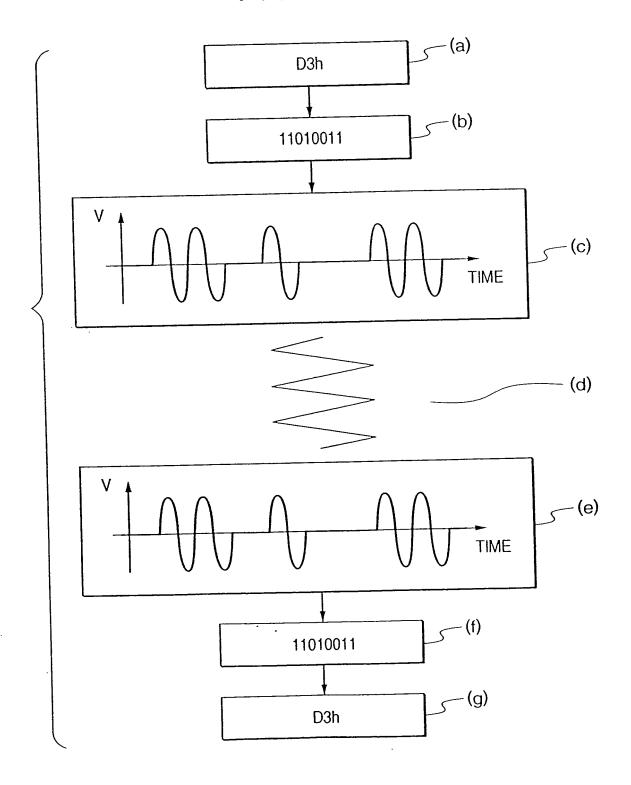
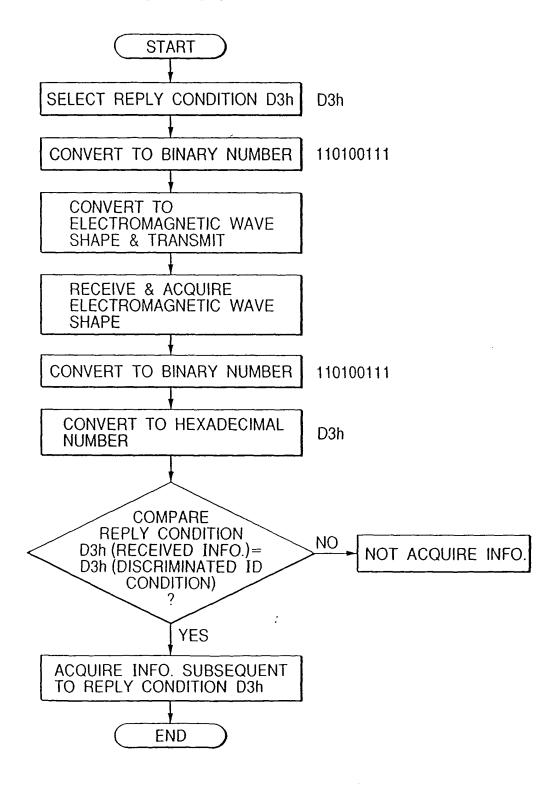


FIG. 38



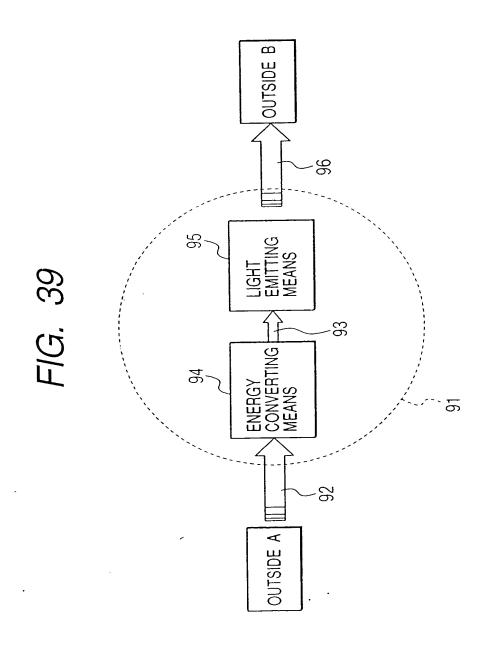


FIG. 40

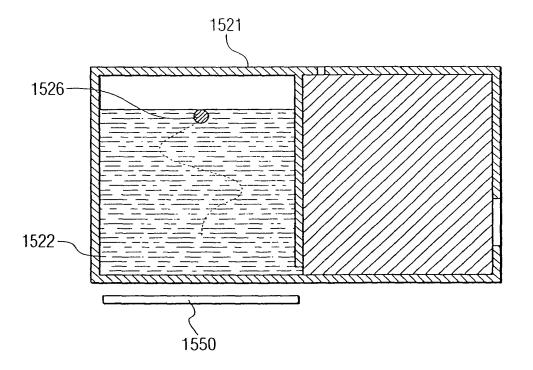
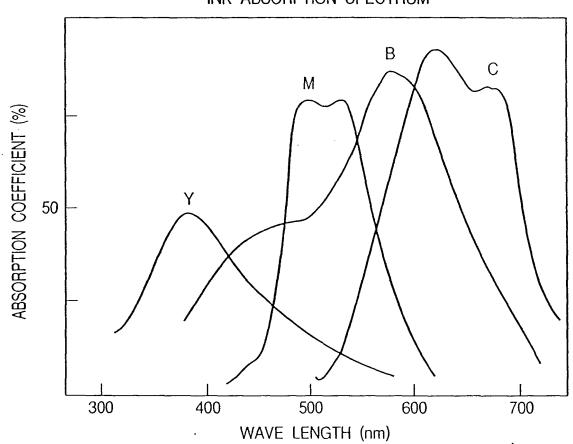
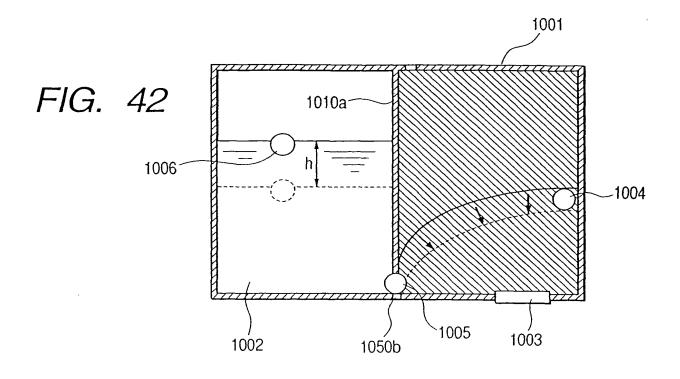
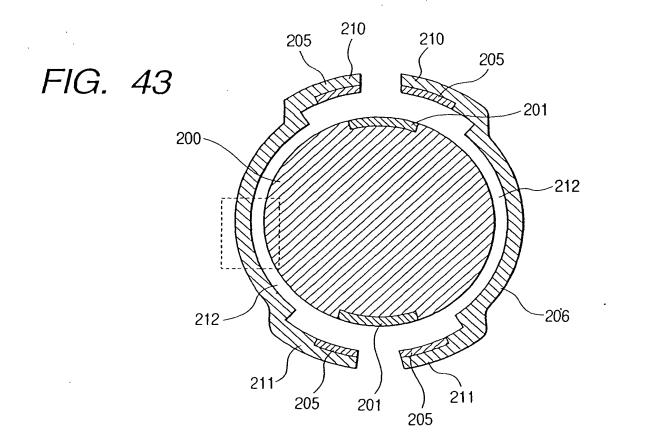


FIG. 41

INK ABSORPTION SPECTRUM







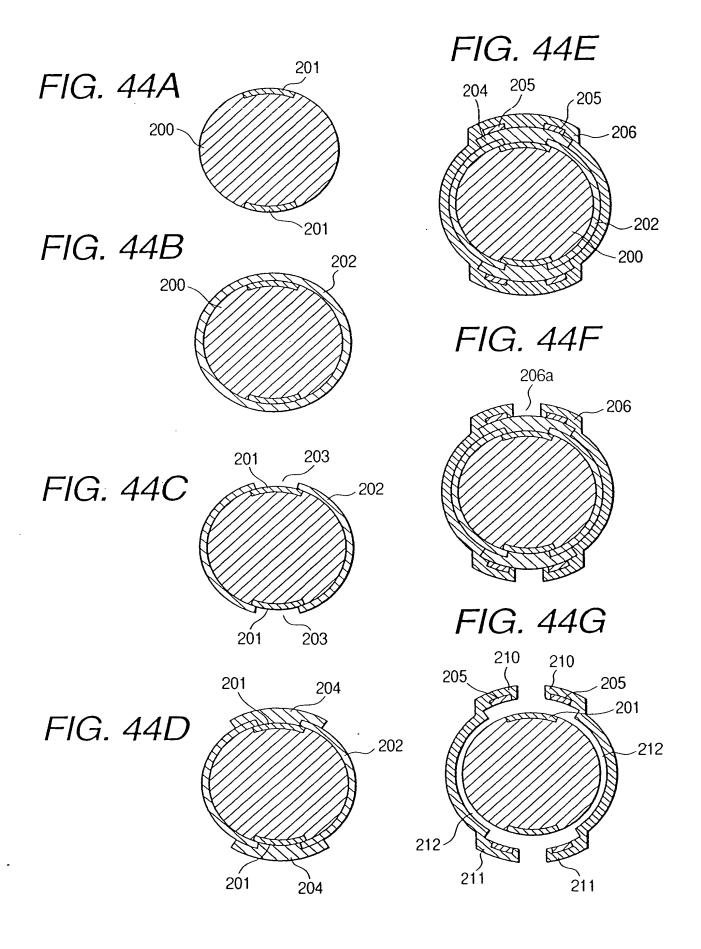


FIG. 45

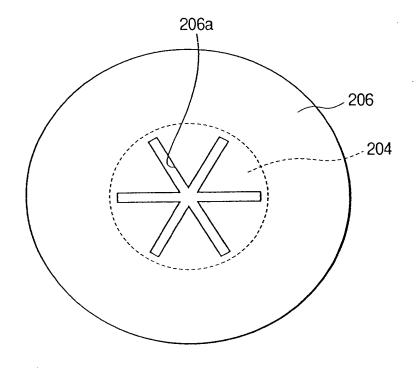


FIG. 46

